# COMMUNICATIONS SOLVER

# **Federal Communications Commission**

Approved by OMB 3060-0999 See instructions for public burden estimate.

# Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2017 - December 31, 2017 Filing Confirmation Number: 0008060341

Filing Deadline: January 16, 2018 FRN: 0002645778

Filing Date: 01/12/2018 11:40 AM

# **General Report Information**

## **Type of Company**

Service Provider

## **De Minimis Exception**

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### **Company Information**

Company Name: Albany Mutual Telephone Association
Brand Names: Albany Mutual Telephone Association

PO Box:

Street Address: 131 Sixth Street

City: Albany State: MN Zip Code: 56307

Contact Name: Steven W. Katka Contact Phone: (320) 845-2101 Contact Fax: (320) 845-7000

Contact Email: skatka@albanytel.com

#### Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

Agent Name: Womble Bond Dickinson

PO Box:

Street Address: 1200 Nineteenth St., NW, Suite 500

City: Washington

State: DC

Zip Code: 20036

Contact Name: Robert Silverman Contact Phone: (202) 857-4532

Contact Fax:

Contact Email: bob.silverman@wbd-us.com

#### **Product Labeling**

Do all hearing aid-compatible handsets include labeling? Yes

**Explain** 

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

#### **Public Website**

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: www.albanytel.com/products/cellular/hearing-aid-compatibility

Explain:

#### **Consumer Outreach**

Describe consumer outreach efforts in the past 12 months: Albany Mutual Telephone Association (AMTA)maintains a public website displaying its entire selection of handsets and devices, including those that are HAC compliant. Sales staff is trained to assist existing and prospective customers in identifying HAC compliant handsets and devices. Handset packaging inserts or operational manuals also provide information. Customers are directed to www.accesswirelss.org/Disability-Categories/Hearing.aspx and other public websites dedicated to HAC education.

#### **Methodology for Functionality Levels**

AMTA offers HAC compliant handsets and devices in all major price and feature categories, including low-cost and

features (less than \$100); moderate-cost and features (\$100 - \$250) and high end/feature rich (greater than \$250). At least one handset or device with features and services typical of its price category can be found that meets each customer's price range.

#### **Report Remarks**

You have reported the following handset model summary information.

Total number of handsets offered: 20

Air Interface	Fully Hearing Aid Compatible Number Percent	Acoustic Coupling Compatible Only Number Percent	Non-Compliant Handsets Number Percent	Total by Air Interface
CDMA	7 70%	2 20%	1 10%	10
LTE	10 100%			10

# Handset 1: Apple Apple iPhone 7

## **Handset Maker**

Apple

Handset Model Name FCC ID

Apple iPhone 7 BCG-E3085A

#### Air Interfaces/Frequency Bands

750 MHz LTE

## **Dates**

This handset model was offered from: 08/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

High end/feature rich

#### Remarks

# Handset 2: Apple iPhone 4S

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 4S BCG-E2430A

# Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

## **Ratings**

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

N/A

#### Remarks

# Handset 3: Apple iPhone 6

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 6 BCG-E2816A

#### Air Interfaces/Frequency Bands

750 MHz LTE

#### **Dates**

This handset model was offered from: 01/17 to 11/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

High end/feature rich

#### Remarks

# Handset 4: Apple IPHONE 6S

#### **Handset Maker**

Apple

Handset Model Name FCC ID

IPHONE 6S BCG-E2946A

#### Air Interfaces/Frequency Bands

750 MHz LTE

#### **Dates**

This handset model was offered from: 01/17 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

High end/feature rich

#### Remarks

# Handset 5: HTC Droid 6350

#### **Handset Maker**

**HTC** 

Handset Model Name FCC ID

Droid 6350 NM8PG32100

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

# **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Moderate cost

#### Remarks

# Handset 6: LG Cosmos 3/VN251S

#### **Handset Maker**

LG

Handset Model Name FCC ID

Cosmos 3/VN251S BEJVN251

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

M-Rating: M4 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Moderate Cost

#### Remarks

# Handset 7: LG Extravert 2/LG VN280

#### **Handset Maker**

LG

Handset Model Name FCC ID

Extravert 2/LG VN280 ZNFVN280

## Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

#### **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Moderate cost

#### Remarks

# Handset 8: LG VN220 EXALT LTE

#### **Handset Maker**

LG

Handset Model Name FCC ID

VN220 EXALT LTE ZNFVN220

850 MHz LTE 1900 MHz LTE

#### **Dates**

This handset model was offered from: 07/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Moderate cost

#### **Remarks**

## Handset 9: LG VS500 K8V

#### **Handset Maker**

LG

Handset Model Name FCC ID

VS500 K8V ZNFVS500

#### Air Interfaces/Frequency Bands

850 MHz LTE 1900 MHz LTE

#### **Dates**

This handset model was offered from: 07/17 to 12/17

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Moderate cost

#### Remarks

# Handset 10: LG VS870 Lucid 2

#### **Handset Maker**

LG

Handset Model Name FCC ID

VS870 Lucid 2 ZNFVS870

#### Air Interfaces/Frequency Bands

750 MHz LTE

#### **Dates**

This handset model was offered from: 01/17 to 06/17

#### **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Low cost

#### Remarks

# Handset 11: LG VS890 Enact

#### **Handset Maker**

LG

Handset Model Name FCC ID

VS890 Enact ZNFVS890

#### Air Interfaces/Frequency Bands

#### 750 MHz LTE

#### **Dates**

This handset model was offered from: 01/17 to 12/17

## **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Moderate cost

#### **Remarks**

# Handset 12: Motorola Droid 6330 Rhyme

#### **Handset Maker**

Motorola

Handset Model Name FCC ID

Droid 6330 Rhyme NM8PI46110

# Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 12/17

M-Rating: M4 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Moderate cost

#### Remarks

# Handset 13: Motorola Droid A956

#### **Handset Maker**

Motorola

Handset Model Name FCC ID

Droid A956 IHDT56MJ1

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

## **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Low cost

#### **Remarks**

# Handset 14: Samsung Galaxy J3

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy J3 A3LSMJ327P

850 MHz LTE 1900 MHz LTE

#### **Dates**

This handset model was offered from: 07/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Moderate cost

#### **Remarks**

# Handset 15: Samsung Galaxy S5 G900

## **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S5 G900 A3LSMG900V

# Air Interfaces/Frequency Bands

750 MHz LTE

#### **Dates**

This handset model was offered from: 01/17 to 01/17

M-Rating: M3 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

High end/feature rich

#### Remarks

# Handset 16: Samsung Gusto 3/SM-B311V

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Gusto 3/SM-B311V A3LSMB311V

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

# **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Low cost

#### **Remarks**

# Handset 17: Samsung N910 Galaxy Note 4

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

N910 Galaxy Note 4 A3LSMN910V

1700 MHz LTE 750 MHz LTE

#### **Dates**

This handset model was offered from: 01/17 to 12/17

## **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

High end/feature rich

#### **Remarks**

# Handset 18: Samsung SCH-U380

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

SCH-U380 A3LSCHU380

# Air Interfaces/Frequency Bands

850 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Moderate cost

#### Remarks

# Handset 19: Samsung SCH-U750 Alias2

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

SCH-U750 Alias2 A3LSCHU750

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

## **Ratings**

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

High-end/Feature rich

#### Remarks

# Handset 20: Samsung U680 Convoy 3

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

U680 Convoy 3 A3LSCHU680

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 08/17

## **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Moderate cost

#### **Remarks**

# Certification

## This Report has been certified by:

Robert Silverman Authorized Agent 01/12/2018 11:40 AM